

**DECLARATION AND POWER OF ATTORNEY**

I the undersigned inventor(s), hereby declare(s) that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first, and joint (sole) inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**LOW-TEMPERATURE HYDROGEN PRODUCTION FROM  
OXYGENATED HYDROCARBONS**

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendments referred to above.

I acknowledge the duty to disclose information material to the examination of this application as defined in Section 1.56 of Title 37 Code of Federal Regulations.

And I hereby appoint:

Charles S. Sara	30,492
Joseph T. Leone	37,170
Craig A. Fieschko	39,668
Todd E. Palmer	44,278

Address all telephone calls to: **Joseph T. Leone**  
Telephone: 608-831-2100  
Facsimile: 608-831-2106

All correspondence to: **Intellectual Property Department**  
**DEWITT ROSS & STEVENS S.C.**  
Firststar Financial Centre  
8000 Excelsior Drive Suite 401  
Madison, WI 53717-1914

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF JOINT OR FIRST INVENTOR Randy D. CortrightINVENTOR'S SIGNATURE  DATE 11/28/01Residence: Madison, WisconsinCitizenship: USA Post Office Address: 202 N. Allen St., Madison, WI 53705FULL NAME OF JOINT OR SECOND INVENTOR James A. DumesicINVENTOR'S SIGNATURE  DATE 11/28/01Residence: Verona, WisconsinCitizenship: USA Post Office Address: 3402 Sugar Maple Lane, Verona, WI 53593

**CERTIFICATE UNDER 37 C.F.R. 3.73(b)**

Applicant: CORTRIGHT et al.

Application No.: 09/998,552

Filed: November 29, 2001

Entitled: **LOW-TEMPERATURE HYDROGEN PRODUCTION FROM  
OXGENATED HYDROCARBONS**

Wisconsin Alumni Research Foundation, a Non-stock, non-profit corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership,  
university, government agency, etc.)

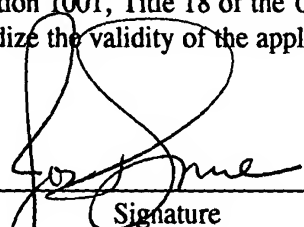
certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 012651, Frame 0822.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

August 1, 2003  
Date

  
Signature

Joseph T. Leone, Reg. No. 37,170  
Typed or Printed Name

Attorney of Record  
Title